

Title (en)

COMBUSTOR LINER WITH REDUCED COOLING DILUTION OPENINGS

Title (de)

BRENNKAMMERFUTTER MIT VERDÜNNUNGSÖFFNUNGEN MIT VERMINDERTER KÜHLUNG

Title (fr)

CHEMISAGE DE CHAMBRE DE COMBUSTION AVEC OUVERTURES DE DILUTION DE REFROIDISSEMENT RÉDUITES

Publication

EP 2859205 A4 20150701 (EN)

Application

EP 13801071 A 20130531

Priority

- US 201213490809 A 20120607
- US 2013043589 W 20130531

Abstract (en)

[origin: WO2013184504A1] A combustor liner is arcuate in shape and defines an axis and a circumferential direction. The combustor liner includes a first row of dilution openings and a second row of dilution openings. The first row runs in the circumferential direction. The second row runs parallel to the first row and is axially spaced from the first row. Each dilution opening of the second row overlaps in an axial direction a portion of each of two adjacent dilution openings of the first row.

IPC 8 full level

F02C 3/14 (2006.01); **F02C 7/12** (2006.01); **F23R 3/06** (2006.01); **F23R 3/42** (2006.01)

CPC (source: EP US)

F23R 3/005 (2013.01 - EP US); **F23R 3/007** (2013.01 - EP US); **F23R 3/06** (2013.01 - EP US); **F23R 2900/03042** (2013.01 - EP US); **F23R 2900/03043** (2013.01 - EP US); **F23R 2900/03044** (2013.01 - EP US); **F23R 2900/03045** (2013.01 - EP US)

Citation (search report)

- [X1] EP 2290289 A2 20110302 - UNITED TECHNOLOGIES CORP [US]
- [XA] US 2007044474 A1 20070301 - KREDER OLIVIER [FR], et al
- [A] JP H07332113 A 19951222 - HITACHI LTD
- [A] JP H1082527 A 19980331 - TOSHIBA CORP
- See references of WO 2013184504A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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